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19 September 1961

MEMORANDUM FOR: Chief, Data Management Division, NPIC

SUBJECT: Ephemeris for Mission 9022

1. Attached is one (1) copy of the "Best Guess" ephemeris on Mission 9022 for your master files. Copies 3 through 8 were sent under separate cover to the following:

Copy 1 & 2	TID/NPIC
Copy 3	SAC - Capt. Jack Harper
Copy 4	ACIC - Mr. William Mahoney
Copy 5	AFIC - Major Charles Susong
Copy 6	Navy - TCO
Copy 7	AMS - Mr. Henry Kuzm
Copy 8	

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2. This ephemeris was computed using input radar data on 13 passes obtained from four stations. A total of 1215 data points were used, with a root mean square deviation of 2435 yards.

Maximum error is estimated as follows:

Along the track	1.5 mile
Cross track	0.5 mile
Height above Earths' Model	0.5 mile

This ephemeris will be adjusted and corrected values will be published when refinements in data and computations have been accomplished.

3. Your attention is invited to the SPECIAL HANDLING REQUIRED caveat which restricts access to those technical personnel having a "must know" for this data.

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TALENT Control Officer, NPIC

Attachment:

Copy 9 - Ephemeris - 9022

Distribution:

- 1 - Addressee
- 2 - C/TID/NPIC
- 3 - OD/NPIC
- 4 - OD/NPIC

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NPIC/TISD

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SPECIAL HANDLING REQUIRED

TOP SECRET